

## MUSCLE CELLS AND THEIR USE IN CARDIAC REPAIR

### Abstract

Muscle cells and methods for using the muscle cells are provided. In one embodiment, the invention provides transplantable skeletal muscle cell compositions and 5 their methods of use. In one embodiment, the muscle cells can be transplanted into patients having disorders characterized by insufficient cardiac function, *e.g.*, congestive heart failure, in a subject by administering the skeletal myoblasts to the subject. The muscle cells can be autologous, allogeneic, or xenogeneic to the recipient.